

1. Product main performance / 产品主要性能指标:

Operating Temperature / 工作温度:  $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$   
 Humidity (max) / 最大潮湿:  $< 95\%$  [at  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]  
 Shielding / 屏蔽性能: 75dB (10MHz) 40dB (1GHz)  
 Salt Spray Corrosion / 盐雾: 96hr

Mechanical data / 机械特性:

Vibration / 振动:  $15\text{g}$  [10Hz ~ 2000Hz]  
 Shock Resistance / 冲击:  $100\text{g}$  [6ms]  
 Endurance (Shell) / 机械寿命: 5000+  
 Cable / 配接电缆:  $\phi 5.1\text{mm} - \phi 6.0\text{mm}$

2. 电气性能

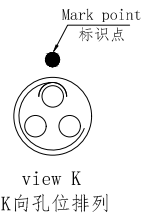
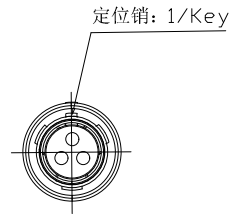
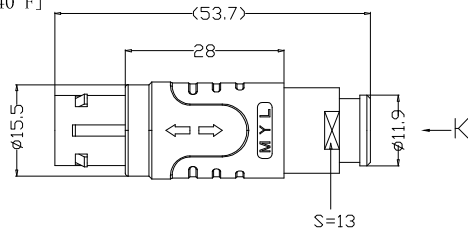
Insert Configuration / 针芯配置: 2BP. 303 3Low Voltage  
 Pin Size / 接触件直径:  $\phi 1.6\text{mm}$   
 Contact resistance / 接触电阻:  $\leq 4\text{m}\Omega$   
 Insulation resistance / 绝缘电阻:  $5000\text{M}\Omega$  (测试电压 500V (DC))  
 Withstand voltage / 耐电压: 2400V (AC)  
 Rated working current / 额定工作电流: 17.0A

Other Specification / 其它规格:

Contact PIN / 接触体: Gold plated Tin bronze / 锡青铜镀金  
 Housing Material / 外壳材质: PEEK  
 Other Shell Material / 其它壳体材质: 铜镀镍  
 Insulator material / 绝缘体材料: PEEK  
 IP Rating / 防护等级: IP50

\*ALL MATERIALS ARE RoHS COMPLIANT / 所有材料均符合RoHS要求.

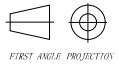
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



美易连电子科技(深圳)有限公司  
 Meiyilian electronic technology (shenzhen) Co., Ltd.

DRAWN BY: 绘图: PD03 2024.05.28  
 CHECKED BY: 审核: Z01 2024.05.28  
 APPROVED BY: 核准: PD05 2024.05.28

GENERAL TOLERANCE (UNLESS SPECIFIED)  
 $\leq 10 \pm 0.1$   
 $< 10^{\circ} \sim 20^{\circ} \pm 0.15$   
 $< 20^{\circ} \sim 50^{\circ} \pm 0.3$   
 Angle  $\pm 1^{\circ}$



单位 UNIT: mm  
 比例 SCALE: 1:1  
 名称 PART NAME

TG-2BP 直式插头 (带护套式尾帽)  
 TG-2BP Straight Plug  
 (with jacketed tail cap)

REV/版本 A1

SHEET: 1 OF 1

型号 PART NAME  
 TGG. 2BP. 303. KWKAD62Z